

# *DLA's DoD Shelf Life Extension System (SLES) Reengineering Effort*

**October 2003**

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Version 1 Sym



# INTRODUCTION



## ■ PURPOSE

- ❖ Provide an understanding (status) of the reengineering effort as it relates to the Shelf Life Web sites and the M-204. Plus briefly describe what you (as users) can expect in the coming months

## ■ SCOPE

- ❖ Shelf Life Web sites (INTERNET and Intranet), and the M-204. Specifically focusing on the MQCSS and QSL



## Background



- **The Office of the Under Secretary of Defense (Acquisition & Logistics) has delegated the responsibility for the DoD Shelf Life Program to the Director, DLA in accordance with DoD Directive 4140.1**
- **The DLA Director, in turn has delegated the Executive Agent responsibility to DLA-J3**
- **The system that supports the extension program is called the Shelf Life Extension System (SLES)**
- **A major component of the DoD Shelf Life Program involves extending Service- and Agency- owned shelf life materials**



## Background (Cont')



- **SLES current operates on the M-204 mainframe program; which is a 30+ year old system**
- **M-204 has 2 major parts:**
  - ❖ **Material Quality Control Storage Standards (MQCSS)**
  - ❖ **Quality Status Listing (QSL)**
- **Some other important aspects within the M-204 are:**
  - ❖ **Test Lab Listings**
  - ❖ **M-204 Appendixes**
  - ❖ **Printing of SLES labels**



# MQCSS and QSL



- **MQCSS provides for the visual inspection**
- **QSL provides the results of material that has been (or not) extended after laboratory testing has been performed**
- **M-204 is a real-time system with approximately 5400 users**
- **M-204 is difficult to access, support, update, and maintain**



# Reengineering Effort: Benefits



- **Reengineering the M-204 SLES to a single web- based environment will decrease Inventory Control Point (ICP) input time, increase customer usage, and improve readiness by prolonging the life of critical commodities, such as chemical protective clothing/equipment, rations, chemicals, and batteries**
- **Reengineering relates to the following four pillars of the DLA Strategic Plan:**
  - ❖ **Mission Essential**
  - ❖ **Business Practice Change**
  - ❖ **Enable**
  - ❖ **Legal / Regulatory Requirement**



## Currently



- **Data extracted from the M-204 on a monthly basis (around the 4th of each month) to be made available on the Shelf Life Web Sites for:**
  - ❖ **MQCSS**
  - ❖ **QSL**
- **Data available by online web query, online web search, by Full Text download, and by Full MS-Excel Spreadsheet download**
- **Duplicate QSL web site at DSC-Richmond was shutdown on July 2003 to ensure constant, accurate reporting which ensured that DoD web site standards and security are in compliance**
- **M-204 SLES continues to operate**





## Future



### **The Shelf Life Web Sites will contain:**

- **Single database source for public and .MIL secure web sites**
- **User-friendly, secure, accurate, and real-time environment**
- **Online tutorial training, customer guides, FAQ, and other automated help**
- **Drop-down menus, data value checking and verification where applicable/practical**
- **Online “static” and ad hoc reporting capabilities**
- **Online real-time update of data, screens, and supporting data (reference, appendix, training, and help material)**





## Future: Interfaces



**The Shelf Life Web SLES will interface with the following systems to ensure accurate, verifiable, and reliable information:**

- **Federal Logistics Information System (FLIS)**
- **Hazardous Material Reporting System (HMIRS)**
- **Army Electronic Product Support Network (AEPS)**
- **Defense Standard System (DSS)**
- **Hazardous Substance Manage System (HSMS)**
- **Hazardous Materiel Management System (HMMS)**
- **Hazardous Inventory Control System (HICS)**
- **Regional Hazardous Inventory Control System (RHICS)**



## Future: Interfaces (Cont')



- **US Army Medical Material (USAMMA) Command FDA Shelf Life Extension Program**
- **Defense Equipment Management Program (DEMP)**
- **Joint Service Set Aside Program (SSAP)**
- **Defense Logistics Management Standards Office Supply Discrepancy Report (SDR)**
- **Defense Reutilization and Marking Systems (DRMS)**
- **And DLA Clothing and Textile and Medical Shelf Life Sites.**



## Future: Features



- **Review the history of the QSL, including identification of the laboratory that extended the material**
- **Provide input capabilities to expand SLES to a real-time system**
- **Download (from DSS and SLES) those NSNs that require inspection or testing for a given month and print total or partial record fields**
- **Expand the Tech Pub to identify and provide online when possible, the specifications, drawings, standards, or other information that is vital to the item**
- **Expanded MQCSS data to include medical and other materials (watch for Site Updates for more details)**



## Future: Features (cont')



- **Allow for individual customization of data display (what is, layout, etc.)**
- **Label creation and printing capabilities**
- **Complete transition of the M-204**
  - ❖ **Historical QSL**
  - ❖ **Input for MQCSS / QSL**
  - ❖ **Extensive testing and user notification prior to release of any replacement**
- **Enhanced reporting capabilities for MQCSS / QSL**
  - ❖ **Including the capability to sort / search on ALL fields displayed**
- **Enhanced verification of data input by validation against other systems (when possible)**



# Challenges



- **Changing the system too rapidly will cause confusion to the user population**
- **Since currently there is no easy way to collectively identify and reach all the Shelf Life users at once, changes will have to be gradual and incorporated with training classes and materials.**
- **Maintaining the current site at the latest security policy as transparently (as possible) to the user population. Due to DoD and DLA's current tightening of security restrictions, controls and audits of all online systems; especially those accessible / available to the general public.**



# Conclusion



- Aspects of the reengineering efforts are already in place on the Web Sites. Including enhanced QSL, Test Lab information, M-204 Appendixes, etc.
- Exciting enhancements are coming to help transition from the mainframe M-204 to a simplified, feature-filled, user friendly Web system.
  - Step 1: Enhance the existing Web sites, Customer Web site support, and decrease User wait for solutions / answers
  - Step 2: Transition the M-204 to a Web Environment
  - Step 3: Update / Enhance SLES data and its presentation
- Input is welcomed and encouraged at every step

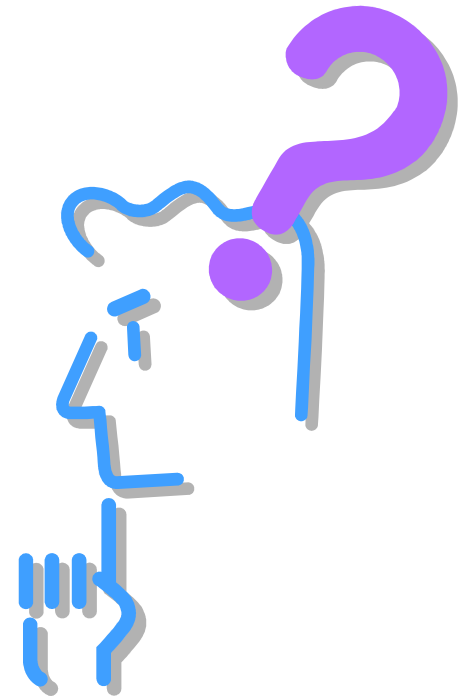


## Q&A



**A brief Question and Answer session will now take place.**

**Please ask one question at a time.**







Thank You



**Thank You  
for your support of the  
Shelf Life Extension Program  
and the  
Shelf Life Extension System  
(SLES)!**



## Supporting Slides



**The following slides were not part of the presentation, but available if discussion requires them.**